

REVISED FORM PTO - 1449

SERIAL NO.

GROUP ART  
UNIT

10/034,523

Unknown



NOTICE OF REFERENCES CITED

TITLE: SYSTEM AND METHOD FOR HIERARCHICAL  
SEGMENTATION WITH LATENT SEMANTIC INDEXING IN  
SCALE SPACE

APPLICANT(S): J. KAUFMAN ET AL.

DOCKET NO.: ARC920010089US1

## U.S. PATENT DOCUMENTS

INIT.	DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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<i>64</i>	6	1	3	7	5	4	4	10/24/00	Dimitrova et al.	348	700	06/02/97
<i>66</i>	6	1	6	1	0	8	4	12/12/00	Messerly et al.	704	9	08/03/99
<i>68</i>	6	1	7	5	8	2	9	01/16/01	Li et al.	707	3	04/22/98

## FOREIGN PATENT DOCUMENTS

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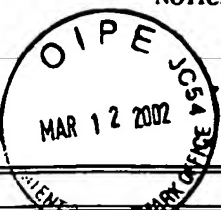
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## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	Marti A. Hearst, "Multi-Paragraph Segmentation of Expository Text", Proceedings of the 32 <sup>nd</sup> Annual Meeting of the Association for Computational Linguistics, 1994.
	Yee Leung, Jiang She Zhang, Zong Ben Xu, "Clustering by Scale-Space Filtering", IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 22, No. 12, December 2000, p. 1396-1410.
	Richard F. Lyon, "Speech Recognition in Scale Space", Proceedings of 1984 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP), San Diego, March 1984, p. 29.3.1-4.
	Malcolm Slaney and Dulce Ponceleon, "Hierarchical Segmentation Using Latent Semantic Indexing in Scale Space", Proceedings of the 2001 ICASSP, Salt Lake City, Utah, May 2001.
	Andrew P. Witkin, "Scale-Space Filtering: A New Approach to Multi-Scale Description", Proceedings of the 1984 ICASSP, San Diego, March 1984, p. 39.A.1.1-4.

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### OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	Manmathma, R. and Srimal, N., "Scale Space Technique for Word Segmentation in-Handwritten Documents", Scale-Space Theories in Computer Vision, 2 <sup>nd</sup> International Conference, Scale-Space '99, Proceedings, p. 22-33, 1999.
	Miller, N.E., Wong, P.C., Brewster, M. and Foote, H.P., "TOPIC ISLANDS(TM) - A Wavelet-Based Text Visualization System", in Ebert D., Hagan, H., and Rushmeier, H. (eds), Proceedings of IEEE Visualization '98, p. 189-196, New York, NY, Oct. 18-23, 1998, ACM Press, also available at <a href="http://multimedia.pnl.gov:2080/topicography/vis98paper.pdf">multimedia.pnl.gov:2080/topicography/vis98paper.pdf</a>
	S. Srinivasan et al., "What is in that video anyway? : In Search of Better Browsing", Proceedings, IEEE International Conference on Multimedia Computing and Systems, p. 388-393, Florence, Italy, June 7-11, 1999.


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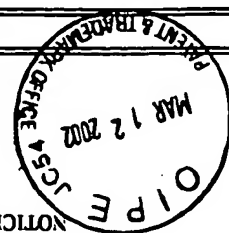
### OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	S. Dumais, "Enhancing Performance in Latent Semantic Indexing", Bellcore Technical Report TM-ARH-017527, 1990.
	S. Dumais, G. Furnas, T. Landauer, S. Deerwester, R. Harshman, "Using Latent Semantic Analysis to Improve Access to Textual Information", Proceedings of Computer Human Interaction '88, 1988.
	M. Slaney, D. Ponceleon, J. Kaufman, "Multimedia Edges: Finding Hierarchy in all Dimensions", Proceedings of 9 <sup>th</sup> ACM International Conference in Multimedia, Ottawa, Ontario, Sept. 30 - Oct. 5, 2001.
	M. Slaney, D. Ponceleon, J. Kaufman, "Temporal Events in All Dimensions and Scales", Proceedings of the IEEE Workshop on Detection and Recognition of Events in Video, July 8, 2001, Vancouver Canada.

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05/13/83	4	6	5	8	3	7	2	04/14/87	Witkin	364	550
09/15/88	4	8	3	9	8	5	3	06/13/89	Deerwester et al.	364	900
07/17/91	5	3	0	1	1	0	9	04/05/94	Landauer et al.	364	419.19
06/14/93	5	5	4	4	3	5	2	08/06/96	Egger	395	600
11/07/95	5	7	9	9	2	7	6	08/25/98	Komissarchik et al.	704	251
06/14/95	5	9	6	3	2	0	5	10/05/99	Sotomayor	345	333
07/21/97	6	0	7	0	1	3	3	05/30/00	Brewster et al.	704	9

FOREIGN PATENT DOCUMENTS

INIT.	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB-CLASS
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**OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)**

Jean Babaud, Andrew P. Witkin, Michel Baudin, Richard O. Duda, "Uniqueness of the Gaussian Kernel for Scale-Space Filtering", IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. PAMI-8, No. 1, p. 26-33, January 1986.
F. Choi, "Advances in domain independent linear text segmentation", Proceedings of NAACL'00, Seattle, USA, April 2000.
S. Deerwester, S. Dumais, G. Furnas, T. Landauer, R. Harshman, "Indexing by Latent Semantic Analysis", Journal of the American Society for Information Science, 41, p. 391-407, 1990.
M.K. Hughes, M.W. Berry, "Improved query matching using kd trees: a latent semantic indexing enhancement", Information Retrieval (USA), Vol. 2, No. 4, 2000, p. 287-302.
Johathan Foote, "Visualizing Music and Audio using Self-Similarity", Proceedings of ACM Multimedia'99, p. 77-80, Orlando, Florida, November 1999.

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